

- 1 1. A method implemented in a computer program application for updating software on a  
2 programmable device, the method comprising:  
3 providing two way communication between a server and the programmable  
4 device;  
5 configuring an updating process that executes on the server;  
6 updating the programmable device in accordance with the updating process;  
7 testing the operation of at least a portion of the updated software on the  
8 programmable device.
- 1 2. The method of claim 1 further comprising  
2 backing up at least a portion of the pre-existing software on the programmable  
3 device, and  
4 based upon the testing, restoring the backed portion of the software on the  
5 programmable device.
- 1 3. The method of claim 2 wherein the backing up occurs on the programmable device.
- 1 4. The method of claim 2 wherein the backing up occurs at the server.
- 1 5. The method of claim 1 wherein the communications is over the Internet.
- 1 6. The method of claim 1 further comprising the server signaling the programmable  
2 device to shut down and restart prior to the backing up action.
- 1 7. The method of claim 6 wherein there is a user definable delay between the signaling  
2 and the shutting down.
- 1 8. The method of claim 2 further comprising:  
2 sending a signal to a user. based upon an outcome of the testing,
- 1 9. A system for updating software on a programmable device comprising:

2 a server;  
3 a programmable device able to be in two way communication with the server;  
4 the server comprising computer software comprising instructions to cause the server  
5 to  
6 configure an update process;  
7 update software on the programmable device in accordance with the update  
8 process;  
9 test the operation of at least a portion of the updated software on the  
10 programmable device.

1 10. The system of claim 9 wherein the computer software further comprises instructions  
2 to  
3 back up at least a portion of the software on the programmable device;  
4 based upon the testing, restore at least a portion of the backed up software  
5 onto the programmable device.

1 11. The system of claim 10 wherein the back up occurs at the server.

1 12. The system of claim 9 wherein the communication is over the Internet.

1 13. The system of claim 9 wherein the computer software further comprises instructions  
2 to cause the server to signal the programmable device to shut down and restart prior  
3 to the back up.

1 14. The system of claim 9 wherein a user definable delay between the signaling and the  
2 shutting down is provided.

1 15. A computer program product, tangibly stored on a computer-readable medium, for  
2 updating software on a programmable device, comprising instructions operable to  
3 cause a programmable processor to:  
4 configure an update process;

5                   communicate with the programmable device over a two way communications  
6                   medium;  
7                   backup at least a portion of the software on the programmable device;  
8                   update software on the programmable device in accordance with the update  
9                   process;  
10                  test the operation of at least a portion of the updated software on the  
11                  programmable device.

1       16.   The product of claim 15 further comprising computer software comprising  
2           instructions to cause the server to restore at least a portion of the backed up software  
3           on the programmable device based upon the testing,.

1       17.   The product of claim 16 wherein back up occurs on the programmable device.

1       18.   The product of claim 16 wherein the backing up occurs at the server.

1       19.   The product of claim 15 wherein the communication is over the Internet.

1       20.   The product of claim 15 further comprising instructions operable to cause a  
2           programmable processor to cause the server to signal the programmable device to  
3           shut down and restart prior to the backing up step.

1       21.   The product of claim 20 wherein there is a user definable delay between the signaling  
2           and the shutting down.

1       22.   The method of claim 15 further comprising instructions to:  
2           send a signal to a user based upon a testing outcome.